

Title (en)  
EMBOLIC FILTER DEVICE AND RELATED SYSTEMS AND METHODS

Title (de)  
EMBOLIE-FILTERVORRICHTUNG UND RELEVANTE SYSTEME UND VERFAHREN

Title (fr)  
DISPOSITIF FILTRANT POUR FORMATION EMBOLIQUE, ET SYSTEMES ET PROCEDES CONNEXES

Publication  
**EP 1689482 A1 20060816 (EN)**

Application  
**EP 04796907 A 20041028**

Priority  
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Abstract (en)  
[origin: WO2005042081A1] An embolic filter system (300) is provided that has a bioactive surface, such as locally on the surface itself or via elution into surrounding environs, and such as to debulk its filtered contents or prevent thrombosis or thromboemboli. An engineered wall (363) provides for enhanced porosity for improved combination of blood flow through the filter (361) and size of particulate that may be captured. Manufacturing methods are provided for improved filter assemblies (360), and a tether system (320) is provided for improved in-situ deployment. A proximal filter assembly is used to debulk contents of a distal embolic filter assembly before it is removed from the patient.

IPC 8 full level  
**A61M 29/00** (2006.01); **A61F 2/01** (2006.01); **A61M 1/00** (2006.01); **A61F 2/00** (2006.01)

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